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Natural Products with Biological and Therapeutic Activity

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Deadline for manuscript
submissions:
closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

Extracts from plants have been used for thousands of years as medicines. Nature offers an astonishing structural variety of compounds, and secondary metabolites such as terpenoids, polyphenols, and alkaloids have a plethora of biological properties, including antioxidant, antimicrobial, anti-inflammatory, antidiabetic, anti-obesity, and antitumor activity.

The issue is dedicated to bioactive natural products extracted from edible and non-edible plants and fruits, and from the waste of agri-food industry processes, with emphasis on novel biological targets and pharmacological studies (both in vitro and in vivo). Works employing innovative and green extraction/isolation methodologies, bioassay guided approaches, and metabolomics methods are much appreciated.

Biological and pharmacological studies involving biopolymers and natural products/natural extracts-based biopolymers are also welcome. Reviews investigating the state of the art related to extracts from “medicinal plants” or to a single class of natural products and their biological and therapeutic activities will be considered.

Dr. Nunzio Cardullo
Dr. Vera Muccilli
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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